



INFORMATION DISCLOSURE  
CITATION

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SERIAL NO.

264-169

09/363,413

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FISCHER et al.

DEC 22 1999

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CO	3,700,826	10/24/72	O'NEAL			
	3,940,758	2/24/76	MARGOLIN			
	3,946,156	3/23/76	BUDROSE			
	4,656,533	4/7/87	SAKAI et al.			
	5,159,182	10/27/92	EISELE			
	5,204,663	4/20/93	LEE			
	5,276,317	1/4/94	OZOUF et al.			
	5,296,692	3/22/94	SHINO			
	5,338,923	8/16/94	GRIEU			
	5,486,687	1/23/96	LE ROUX			
	5,227,615	7/13/93	OOGITA			
	5,015,830	5/14/91	MASUZAWA et al.			
	4,891,727	1/2/90	SATO et al.			
JS	4,814,924	3/21/89	OZEKI			

## FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
0 178 805	4/23/86	EPO			
0 328 124	8/16/89	EPO			X
0 373 411	6/20/90	EPO			X
35 34 638	5/28/86	GERMANY			X
35 28 199	2/19/87	GERMANY (with Abstract)			X
37 01 114	8/27/87	GERMANY			X
87 09 268	10/15/87	GERMANY			X
39 03 454	6/13/90	GERMANY			X
2-161670	6/21/90	JAPAN (with Abstract)			X
3-30007	2/8/91	JAPAN (with Abstract)			X
3-233790	10/17/91	JAPAN			X
664 635	3/15/88	SWITZERLAND			X

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CO	IBM Technical Disclosure Bulletin, "Personal Transaction Card", Vol. 30, No. 3, Aug: 1987, pp. 1262-1265.
CO	Dipl.-Ing. Roland Vogt. Intelligenz in Scheckkartenformat: IC-Cards -neue Aspekte der Informationsverarbeitung, Elektronik 19/19.9.1986:99-101.
	Sippl CJ., Microcomputer Dictionary-Second Edition, 1981, Cat. No. 62-2311, Radio Shack, pp. 349.

\*Examiner

Date Considered

9/27/03

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
OP	4,446,519	5/1/84	THOMAS			
	4,672,182	6/9/87	HIROKAWA			
	4,868,373	9/19/89	OPHEIJ et al.			
	4,951,249	8/21/90	MCCLUNG et al.			
	4,959,861	9/25/90	HOWLETTE			
	5,267,311	11/30/93	BAKHOUM			
	5,423,054	6/6/95	SCHMIDT et al.			
	5,471,038	11/28/95	EISELE et al.			
	5,473,765	12/5/95	GIBBONS et al.			
	5,550,709	8/27/96	IWASAKI			
	5,584,043	12/10/96	BURKART			
	4,965,691	10-23-90	IFTIKAR et al.			
	5,568,441	10/22/96	SANEMITSU			
	5,541,985	7/30/96	ISHII et al.			
	5,497,464	3/5/96	YEH			
	5,465,381	11/7/95	SCHMIDT et al.			
	5,434,737	7/18/95	MIURA			
	5,663,553	9/2/97	AUCSMITH			
	5,664,228	9/2/97	MITAL			
	5,714,742	2/3/98	IEDA			
	5,635,701	6/3/97	GLOTON			
	4,758,718	7/19/88	FUJISAKI et al.			
JP	5,406,064	4/11/95	TAKAHASHI			

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DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
40 36 336	5/21/92	GERMANY			
403-194680	8/26/91	JAPAN			
WO 89/12288	12/14/89	PCT			
403-141486	6/17/91	JAPAN			
404-205079	7/27/92	JAPAN			

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

*Examiner	<i>Jenn</i>	Date Considered	7/27/03
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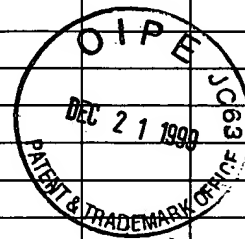
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	4,228,474	10/1980	NEAL, Jr.			
	4,504,871	3/1985	BERWICK et al.			
	4,575,621	3/1986	DREISFUS			
	4,701,601	10/1987	FRANCINI et al.			
	4,734,897	3/1988	SCHOTZ			
	4,755,883	7/1988	UEHIRA			
	4,769,764	9/1988	LEVANON			
	4,774,618	9/1988	RAVIV			
	4,791,283	12/1988	BURKHARDT			
	4,860,128	8/1989	NAKAGAWA			
	4,935,962	6/1990	AUSTIN			
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	5,068,894	11/1991	HOPPE			
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	5,790,423	8/4/98	LAU et al.			
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					YES	NO
JP	WO 90/04847	5/3/90	PCT			
	WO 93/00658	1/7/93	PCT			
JP	WO 93/07555	4/15/93	PCT			

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JP	IBM Technical Disclosure Bulletin, "Stiffened Card With Integrated Circuit", Vol. 28, No. 11, Apr. 1986, pp. 4723-4725.
JP	IBM Technical Disclosure Bulletin, "Transaction Handling System Using a Bank Card with Display, Input and Memory Functions", Vol. 28, No. 6, Nov. 1985, pp. 2568-2570.

\*Examiner Jeanne Jach Date Considered 7/27/03

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